

Orchid

Orchid cultivation in controlled polyhouse environments produces exotic, high-value blooms for premium flower markets in India.



ABOUT

Exotic Orchid Cultivation Under Controlled Conditions

Orchid is the highest-value flower crop, with individual sprays fetching ₹50–500+. Agrifirst's climate-controlled polyhouse provides the precise humidity, temperature, and shade that orchids require for commercial production.

DESCRIPTION

Orchid represents the pinnacle of commercial floriculture — with single sprays of premium varieties fetching ₹50–500 or more. Once considered impossible to grow commercially in most of India, Agrifirst's advanced polyhouse technology now makes orchid cultivation profitable for Indian farmers, opening access to the booming domestic gifting market and lucrative export opportunities.

Why Grow Orchids in Agrifirst Polyhouse?

- **Highest value flower** — ₹50–500+ per spray for Phalaenopsis, Dendrobium, and Oncidium
- **Growing luxury market** — Orchids are India's fastest-growing flower segment in gifting and décor
- **Export potential** — Strong demand in Japan, Europe, and the Middle East
- **Long productive life** — Orchid plants produce for 5–8 years with proper care
- **Multiple blooming cycles** — 2–3 flowering cycles per year with climate manipulation

How Agrifirst Helps You Succeed

Agrifirst's orchid-specific polyhouse designs include precise shade management (60–70%), fog/misting systems for humidity control (70–80% RH), evaporative cooling for temperature regulation (18–28°C), and specialized bench/hanging systems for orchid cultivation. Our automation technology monitors and controls every environmental parameter, ensuring orchids receive the exact conditions needed for spectacular blooms.

Expected earnings: ₹20–50 lakhs per acre annually with Agrifirst polyhouse orchid cultivation.

GALLERY



AGRIFIRST - FARMERS FIRST

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